

U.S. Serial No.10/748,035

Attorney Docket No. 2003P18909US

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

WHAT IS CLAIMED IS:

1. (cancelled)
2. (currently amended) The interconnecting assembly of claim 6 + wherein said axial force tends to close the bend, and said radial force tends to open the bend.
3. (currently amended) The interconnecting assembly of claim 6 + wherein said bend defines a mouth facing radially inwards.
4. (currently amended) The interconnecting assembly of claim 6 + wherein said flexible member comprises a plurality of conductive leaves.
5. (original) The interconnecting assembly of claim 4 further comprising a gap between adjacent leaves in said bend.
6. (currently amended) ~~The interconnecting assembly of claim 4~~ An interconnecting assembly for a rotor assembly of a dynamoelectric machine, said interconnecting assembly being part of a conductive path generally extending from a radially inward section of the rotor assembly to a winding located at a radially outward section of the rotor assembly, the interconnecting assembly comprising:

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a flexible member comprising a bend, wherein said flexible member comprises a first leg connected to a radial lead and extending along an axial direction; and

a connector connected to the flexible member to pass axial and radial forces that develop during operation of the machine, the positioning of the connector relative to the flexible member being arranged so that an effect of an axial force on a radius of curvature of the bend and an effect of a radial force on said radius of curvature are opposed to one another.

7. (original) The interconnecting assembly of claim 6 wherein said flexible member further comprises a second leg connected to the first leg through a curved section.

8. (original) The interconnecting assembly of claim 7 wherein said second leg extends at an angle ranging from about two to about five degrees relative to a radial direction.

9. (original) The interconnecting assembly of claim 7 wherein said flexible member further comprises a third leg connected to the second leg through said bend.

10. (original) The interconnecting assembly of claim 9 wherein said third leg extends at an angle ranging from about two to about five degrees relative to the radial direction.

11. (original) The interconnecting assembly of claim 9 wherein said third leg includes an appendage comprising a connector interface section, said appendage extending at a different angle with respect to the radial direction than a remainder of the third leg.

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12. (cancelled)

13. (currently amended) The dynamoelectric machine of claim 17 ~~42~~ wherein said axial force tends to close the bend, and said radial force tends to open the bend.

14. (currently amended) The dynamoelectric machine of claim 17 ~~42~~ wherein said bend defines a mouth facing radially inwards.

15. (currently amended) The dynamoelectric machine of claim 17 ~~42~~ wherein said flexible member comprises a plurality of conductive leaves.

16. (original) The dynamoelectric machine of claim 15 further comprising a gap between adjacent leaves in said bend.

17. (currently amended) ~~The dynamoelectric machine of claim 12~~ A dynamoelectric machine comprising a winding located at a radially outward section of a rotor assembly, said machine comprising:

a conductive path generally extending from a radially inward section of the rotor assembly to said winding, said conductive path comprising a flexible member comprising a bend and connected between said radially inward section of the rotor assembly and the winding, wherein said flexible member comprises a first leg connected to a radial lead and extending along an axial direction, said flexible member oriented so that said bend exhibits a first effect in response to an axial force and a second effect in response to a radial force during operation of said machine, said first and second effects being opposed to one another.

18. (original) The dynamoelectric machine of claim 17 wherein said flexible member further comprises a second leg connected to the first leg through a curved section.

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19. (original) The dynamoelectric machine of claim 18 wherein said second leg extends at an angle ranging from about two to about five degrees relative to a radial direction.

20. (original) The dynamoelectric machine of claim 18 wherein said flexible member further comprises a third leg connected to the second leg through said bend.

21. (original) The dynamoelectric machine of claim 20 wherein said third leg extends at an angle ranging from about two to about five degrees relative to the radial direction.

22. (original) The dynamoelectric machine of claim 20 wherein said third leg includes an appendage comprising a connector interface section, said appendage extending at a different angle with respect to the radial direction than a remainder of the third leg.